

S/N 09/687,483



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	BRAUN, Andreas, et al.	Examiner:	CLOW, Lori A
Serial No.:	09/687,483	Group Art Unit:	1631
Filed:	October 13, 2000	Docket:	SEQ-2033-CP
Title:	Methods for Generating Databases and Databases for Identifying Polymorphic Genetic Markers		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir/Madam,

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(c)(2), Applicants have included the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p). If any additional fees are due or overpayment, please contact the undersigned attorney at (858) 623-9470.

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The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

Date 2 March 2005

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By

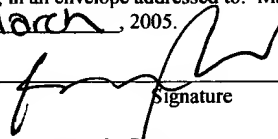


Bruce D. Grant
Reg. No. 47,608

CERTIFICATE OF TRANSMISSION/MAILING

The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail Label No. ED109900211 US, in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 2nd day of March, 2005.

March 2, 2005



Signature
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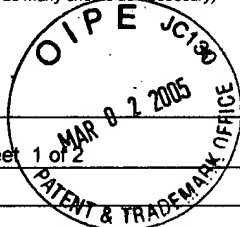
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 2

Complete if Known

Application Number	09/687,483
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First Named Inventor	BRAUN, Andreas, et al.
Group Art Unit	1631
Examiner Name	CLOW, Lori A
Attorney Docket No:	SEQ-2033-CP

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BREEN, G., et al., Determining SNP Allele Frequencies in DNA Pools, BioTechniques, (2000), 464-470, 28(3).	
		BUETOW, Kenneth H. et al., High-throughput development and characterization of a genomewide collection of gene-based single nucleotide polymorphism markers by chip-based matrix-assisted laser desorption/ionization time-of-flight mass spectrometry, Proc. National Association of Science (2001), 581-584, 98(2) PNAS http://www.pnas.org .	
		DOWNES, Kate, et al., SNP allele frequency estimation in DNA pools and variance components analysis, BioTechniques, (2004), 840-845, 36(5), The Wellcome Trust Sanger Institute.	
		GERMER, Soren, et al., High-Throughput SNP Allele-Frequency Determination in Pooled DNA Samples by Kinetic PCR, Methods, Genome Research, (2000), 258-266, 10, Cold Spring Harbor Laboratory Press.	
		HOOGENDOORN, Bastiaan, et al., Cheap, accurate and rapid allele frequency estimation of single nucleotide polymorphisms by primer extension and DHPLC in DNA pools, Hum Genet (2000) 488-493, 107, Pringer-Verlag.	
		LAKEN, Steven J. et al., Genotyping by mass spectrometric analysis of short DNA fragments, Research, Nature Biotechnology, (1998), 1352-1356, 16, Nature America Inc. (http://biotech.nature.com).	
		LE HELLARD, Stephanie, et al., SNP genotyping on pooled DNA's: comparison of genotyping technologies and a semi automated method for data storage and analysis, Nucleic Acids Research, (2002) 1-10, 30(15), Oxford University Press.	
		RISH, Neil, et al., The Relative Power of Family-Based and Case-Control Designs for Linkage Disequilibrium Studies of Complex Human Diseases I. DNA Pooling, Genome Research, (1998), 1273-1288, 8, Cold Spring Harbor Laboratory Press.	
		ROSS, Philip, et al., Quantitative Approach to Single-Nucleotide Polymorphism Analysis Using MALDI-TOF Mass Spectrometry, BioTechniques, (2000) 620-629, 29(3).	
		SASAKI, Tomonari, et al., Precise Estimation of Allele Frequencies of Single-Nucleotide Polymorphisms by a Quantitative SSCP Analysis of Pooled DNA, Am. J. Hum. Genet. (2001)	

EXAMINER**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

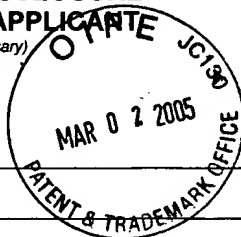
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Sheet 2 of 2

Attorney Docket No: SEQ-2033-CP

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		214-218, 68, The American Society of Human Genetics.	
		ZHOU, Guo-Hua, et al., Quantitative detection of single nucleotide polymorphisms for a pooled sample by a bioluminometric assay coupled with modified primer extension reactions (BAMPER), Nucleic Acids Research, (2001) 1-11, 29(19 e93), Oxford University Press.	

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